Refine Search

Search Results -

Terms	Documents
L1 and (bandwidth or (band adj1 width))	10

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L2

Refine Search

Recall Text | Clear | Interrupt

Search History

DATE: Thursday, January 04, 2007 **Purge Queries** Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB; PLUR=YES; OP=OR			
L2	L1 and (bandwidth or (band adj1 width))	10	L2
L1	(variable near5 speed) near10 bus	65	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L4 and (adjust$3 near5 frequenc$3)	4

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L5

Refine Search

Recall Text Clear Interrupt

Search History

DATE: Thursday, January 04, 2007 **Purge Queries** Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L5	L4 and (adjust$3 near5 frequenc$3)	4	L5
L4	L3 and (bandwidth or (band adj1 width))	44	L4
L3	(variable near5 speed) near10 bus	309	L3
DB=PGPB; PLUR=YES; OP=OR			
L2	L1 and (bandwidth or (band adj1 width))	10	L2
L1	(variable near5 speed) near10 bus	65	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
(361/683 |361/684 |361/685 |361/686 |322/32 |709/233 |370/257 |710/33 |710/300 |710/307 |710/58 |710/240 |710/309 |710/15 |710/60 |710/313 |712/32 |340/825 |713/600 |713/501 |713/320 |713/322).ccls.	16192

Database: US Pre-Grant Publication Full-Text Database; US Patents Full-Text Database; US OCR Full-Text Database; EPO Abstracts Database; JPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: L6

Refine Search | Recall Text | Clear | Interrupt

Search History

DATE: Thursday, January 04, 2007 **Purge Queries** Printable Copy Create Case

Set Name side by side	Query
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR
L6	710/33,300,307,58,240,309,15,60,313;713/600,501,320,322;340/825;370/257;709/233;322/32;36686;712/32.ccls.
L5	L4 and (adjust$3 near5 frequenc$3)
L4	L3 and (bandwidth or (band adj1 width))
L3	(variable near5 speed) near10 bus
	DB=PGPB; PLUR=YES; OP=OR
L2	L1 and (bandwidth or (band adj1 width))
L1	(variable near5 speed) near10 bus

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L4 and L6	7

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L7

Refine Search

Recall Text Clear Interrupt

Search History

DATE: Thursday, January 04, 2007 **Purge Queries** Printable Copy Create Case

Set Name side by side	Query
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR
L7	l4 and L6
L6	710/33,300,307,58,240,309,15,60,313;713/600,501,320,322;340/825;370/257;709/233;322/32;36686;712/32.ccls.
L5	L4 and (adjust$3 near5 frequenc$3)
L4	L3 and (bandwidth or (band adj1 width))
L3	(variable near5 speed) near10 bus
	DB=PGPB; PLUR=YES; OP=OR
L2	L1 and (bandwidth or (band adj1 width))
L1	(variable near5 speed) near10 bus

END OF SEARCH HISTORY

Results for "((variable<in>metadata) <and> (speed<in>metadata))<and> (bus<in>..." e-mail
Your search matched **17** of **1450046** documents.
A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

1. **Call control and traffic transport for connection-oriented high speed wire communications over metropolitan area networks**
Leung, V.C.M.; Qian, N.; Malyan, A.D.; Donaldson, R.W.;
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Digital Object Identifier 10.1109/ICM.2003.1287765
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Request based channel access protocol on folded bus topology

Kumar, S. Jayasumana, A.P.
Dept. of Comput. Sci., Colorado State Univ., Fort Collins, CO, USA;

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On page(s): 174 - 183
Meeting Date: 10/16/1995 - 10/19/1995
Location: Minneapolis, MN
INSPEC Accession Number:5211967
Digital Object Identifier: 10.1109/LCN.1995.527342
Posted online: 2002-08-06 19:55:44.0

Abstract
Multichannel optical networks promise **bandwidth** in the gigabits/sec domain. This current trend in optical device technology demands a simple yet scalable protocol for future high **speed** networks. The Request Based Channel Access (RBCA) protocol provides solution based on folded **bus** topology. RBCA protocol communication consists of two steps, namely, **bandwidth** request and data transmission. The communication is slot based and supports **variable** packet lengths. A dedicated monitor node in the network performs all protocol processing and error detection/correction functions, and minimizes all protocol overheads in nodes. The protocol provides fair channel access to all nodes, irrespective of their relative position from the fold of the network. In a multichannel network, the communication of each channel is independent of all other channels. Thus multichannel networks can be implemented as better optical communication devices, supporting large number of parallel channels, become available

Index Terms
Inspec
Controlled Indexing
local area networks optical communication protocols

Non-controlled Indexing
RBCA protocol Request Based Channel Access **bandwidth** request channel access protocol data transmission dedicated monitor node folded **bus** folded **bus** topology multichannel optical networks

Author Keywords

Not Available

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